

MULTIPLE SIGHTING

PROJECT 10073 RECORD CARD

1. DATE 20 Sep 60	2. LOCATION Washington and 50 mile area of Portland, Oregon	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical Meteor <input type="checkbox"/> Possibly Astronomical
3. DATE-TIME GROUP Local _____ GMT 21/0405Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. SOURCE Military and Civilian	7. LENGTH OF OBSERVATION 15-30 sec	8. NUMBER OF OBJECTS one
9. COURSE NE	10. BRIEF SUMMARY OF SIGHTING White glowing object approx the size of a marble which broke into several pieces. Pieces trailed and burned. Object had flashing tail, tapering in size, somewhat longer than object. Straight flight with no maneuvers, disappeared low in the east.	11. COMMENTS Description is characteristic of a meteor. No satellite reentries this date, although portions of 1960 Epsilon reentered during Sep and Oct on unidentified dates. General description and color indicate that the object was a "bolide" class of meteor. Correlates with Seattle sighting of same time and date.

JOINT MESSAGEFORM			SECURITY CLASSIFICATION UNCLASSIFIED						
SPACE BELOW RESERVED FOR COMMUNICATION CENTER									
PRECEDENCE ACTION ROUTE		TYPE MSG (Check) BOOK MULTI SINGLE		ACCOUNTING SYMBOL AF	ORIG. OR REFERS TO DET 5, 3546 20 J 2				
INFO				CLASSIFICATION OF REFERENCE UNCLAS					
FROM: ATIC, W-P AFB				SPECIAL INSTRUCTIONS					
TO: PAINE FLD, WASH									
<p>/UNCLAS/PROM: AFGIN-4E2x</p> <p>DET 5, 35TH WEA SQ, YOUR MSG DET 5, 3546 20 J 2, DTD 21 SEP 60, REQ THE RPTD SIGNING BE THOROUGHLY INVESTIGATED IN ACCORDANCE WITH AFR 200-2, DTD 14 SEP 59. EVERY ATTEMPT SHOULD BE MADE TO CONTACT ALL WITNESSES.</p>									
<table border="1"> <tr> <td>DATE 21</td> <td>TIME 1455</td> </tr> <tr> <td>MONTH SEP</td> <td>YEAR 1960</td> </tr> </table>						DATE 21	TIME 1455	MONTH SEP	YEAR 1960
DATE 21	TIME 1455								
MONTH SEP	YEAR 1960								
WRITER	SYMBOL AFGIN-4E2x		SIGNATURE						
	TYPED NAME AND TITLE (Signature, if required) Major Robert J. Friand		TYPED (or stamped) NAME AND TITLE						
	PHONE 69216	PAGE NR. 1	NR. OF PAGES 1	PHILIP G. EVANS Colonel, USAF Deputy for Science and Components					
	SECURITY CLASSIFICATION UNCLASSIFIED		RELEASE NUMBER						

DD FORM 173, 1 MAY 66, REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

NNNN

RECEIVED

1223 SEP 68 0944 '68

ATIC

ZCSQF173ZCQYB836

RR RJEDSQ

DE RJWZBHL 17

R 271935Z ZEX

FM 326FTRGRU AD PAINE FLD WASH

TO RJWFAL/ADC ENT AFB COLO

RJEDSQ/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASH DC

RJEZHQ/SECRETARY OF THE AF WASH DC

BT

UNCLAS FROM 3260DC 93343 FOR COMMANDERS ADC, ATIC; AFCIN, USAF; SAFIS, SEC OF AF; 250IN, 25ADIV. FOLLOWING UFOR REPORT FORWARDED IN ACCORDANCE WITH AFR 200-2. A. DESCRIPTION OF OBJECT. 1. FIREBALL. 2. ONE HALF SIZE OF DIME. 3. REDDISH YELLOW WHITE. 4. 1. 5. NOT APPLICABLE. 6. NOT APPLICABLE. 7. TRAIL OF SPARKS OR FLAME, THREE TIMES LENGTH OF FIREBALL. 8. NONE, OBSERVER IN AIRCRAFT. 9. APPEARED TO BREAK UP PRIOR TO BURNOUT. B. DESCRIPTION OF COURSE OF OBJECT. 1. APPEARED IN LINE OF SIGHT, TRAVELING FROM SW TO NE. 2. ELEVATION 15 DEGREES, AZIMUTH 225 DEGREES TRUE. 3. ELEVATION 3 DEGREES, AZIMUTH 060 DEGREES TRUE. 4. NORMAL

1200 SEP

Atic

ALL INFORMATION

PAGE TWO RJWZBHL 17

TRAJECTORY INCLINED ABOUT 15 DEGREES TO HORIZON. 5. APPEARED TO

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TRAJECTORY INCLINED ABOUT 15 DEGREES TO HORIZON. 5. APPEARED TO BURN UP. 6. 5 TO 10 SECONDS. C. MANNER OF OBSERVATION. 1. UNAIDED VISUAL. 2. NOT APPLICABLE. 3. USCG UF2A SERIAL 1273, 1500 FEET, 95 KNOTS, 160 DEGREES. USCG-AS PORT ANGELES WASH. D. TIME AND DATE OF SIGHTING. 1. 0405 ZULU 21 SEP 1960. 2. NIGHT. E. LOCATION OF OBSERVER. IN PATTERN AT PAINE FIELD ONE MILE WEST OF AIRPORT LOCATED 47-55N, 122-17W. F. LT JG DAVID W. IRONS, USCG, USCG-AS PORT ANGELES WASH. PILOT, GOOD. G. WEATHER AND WINDS. 1. CLEAR. 2. WIND IS IN TABULAR FORM, 3 COLUMNS. COL. ONE ALTITUDE, COL. 2 DIRECTION, COL. 3 VELOCITY.

SURFACE NE 4

6,000 020 14

10,000 020 14

15,000 340 27

20,000 350 27

30,000 320 32

40,000 300 20

50,000 250 9

60,000 330 7

3. UNLIMITED. 4. 10 PLUS. 5. NONE. 6. NONE. 7. NONE. H.

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NONE. I. NONE. J. NONE. K. ASSISTANT DIRECTOR OF OPERATIONS, LT. A. C. HONEY, JR., USN: INTERVIEW WITH WITNESS INDICATES VALOR

88,000 330 7

3. UNLIMITED. 4. 10 PLUS. 5. NONE. 6. NONE. 7. NONE. H.

PAGE THREE RJWBHL 17

NONE. I. NONE. J. NONE. K. ASSISTANT DIRECTOR OF OPERATIONS,
LT. A. C. HONEY, JR., USN: INTERVIEW WITH WITNESS INDICATES VALID
SIGHTING OF POSSIBLE SATELLITE VEHICLE REENTRY. EQUAL POSSIBILITY
OF ORDINARY METEORITE. THIS MESSAGE PRECEDED BY MOON DUST REPORT
OF SIGHTING TO AIR WEATHER SERVICE BY DETACHMENT 5, 35TH WEATHER
SQUADRON, MESSAGE NUMBER 20J2 OF 21 SEP AT 0734 ZULU. WITNESS
DESCRIPTION CORROBORATED BY CIVILIAN WITNESS, MRS. [REDACTED]

[REDACTED], HOUSEWIFE, 29 YEARS OF AGE, [REDACTED] 5H,

WASH.

BT

27/2336Z SEP RJWBHL

NNNN

Detachment 1
35th Weather Squadron (WTS)
UNITED STATES AIR FORCE
McMinn Air Force Station
Corvallis, Oregon

REPLY TO

ATTN OF: PLANE

SUBJECT: Reported Meteor

26 SEP 1960

TO: HQS, USAF, ATTN: AFCON-1B1

HQS, ATIC, ATTN: AFCON-4A

Space Track, Lawrence G. Hanscom Field, Mass.

1. Code words "Moon Dust" are cited for this letter. Reference is made to our TWX DCT 1-3500 21-J-1 and DCT 1-3500 21-J-2 dated 21 September 1960.

2. Enclosed is a copy of the article which appeared in the Portland "Oregonian" Wednesday morning 21 September 1960.

Carolyn B. General, Major USAF

for JOHN R. STRICKER
Major USAF
Commander

1 Atch
Article on Meteor

Cy Pur: HQS, AMS, ATTN: AWSSS

Meteor Flits Across Sky

A fireball flashed through the Oregon sky Tuesday night, at approximately 8:06 p.m. Its bright passage was seen in western and central Oregon. In Portland, many persons thought it was an airplane crashing, guessing it had gone down in the vicinity of Rocky Butte. So vivid was this impression that two police cars were sent to investigate.

But three observers in the control tower at Portland International Airport saw it come from behind Rocky Butte and vanish to the north. **Report: Widespread**

It was seen in Malheur River, a clergymen in Bend saw it, as did others.

The path was generally described as from west to east or northeast. Some observers said it trailed sparks, others that it had a glowing tail. Some insisted they saw it disintegrate, others that it disappeared over the horizon. At Bend, Phil Brogan, member of the American Meteorological Society, said the descriptions suggested it was a big meteor—they call it a fireball when it attracts attention—which began to burn as it entered the atmosphere about 250 miles up. **AKR #1**

CONFIDENTIAL

COPY TO DR HYNEK

OCZCSQA294ZCQYA334

PP RJEDSQ

1960 SEP 22 04 10

39

DE RJWZKPH 4

P 220040Z ZEK

FM 337TH FTR GP AD PORTLAND INTL APRT ORE

TO RJWFAL/ADC ENT AFB COLO

RJWZBH/25TH AIR DIV MCCHORD AFB WN

RJEDSQ/AIR TECH INTELLIGENCE CENTER WRIGHT PATTISON AFB OHIO

RJEZHQ/HQ USAF WASH 25 D C

RJEZHQ/SEC OF AF WASH 25 D C

RJEDSQ/COSMATIC WRIGHT PATTISON AFB OHIO

RJEZDK/PROJECT SPACE TRACK L G HANSCOM FIELD BEDFORD MASS

BT

UNCLAS 3370DC 9-3824. ACTION ADC, 25TH AIR DIV, AIR TECHNICAL INTELLIGENCE CENTER, AFCIN-131, SAFIS, AFCIN-4A, AND PROJECT SPACE TRACK.

FOLLOWING REPORT OF UFO SIGHTING IS SUBMITTED PER PARAGRAPH 15, AFR 200-2, 14 SEP 59.

A. (1) LARGE, WHITE BALL
(2) APPROXIMATELY THE SIZE OF MARBLE HELD AT ARMS LENGTH.
(3) WHITE, GLOWING
(4) ONE LARGE OBJECT BREAKING INTO SEVERAL PIECES.
(5) NONE

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- (6) PIECES TRAILING AND BURNING
- (7) FLASING TAIL, TAPERING IN SIZE, SOMEWHAT LONGER THAN OBJECT.
- (8) NONE
- (9) NONE

B. (1) RAPIDLY MOVING, GLOWING OBJECT.

- (2) APPROXIMATELY 30 TO 45 DEGREES ABOVE HORIZON.
- (3) DISAPPEARED LOW IN THE EAST.
- (4) STRAIGHT FLIGHT, NO APPARENT MANEUVERS.
- (5) BEHIND BUILDING, MOUNTAINS, HORIZON DEPENDING ON OBSERVERS LOCATION.
- (6) 15 TO 30 SECOND.

C. (1) GROUND VISUAL

N (2) N/A

(3) N/A

D. (1) 0405 TO 0415Z, 21 SEPTEMBER 1960

- (2) DARK

E. 45 DEGREES 30' N, 123 DEGREES 35' W, AND IN THE GENERAL AREA WITHIN A 50 MILE RADIUS OF PORTLAND, OREGON.

F. (1) MR. ██████████, W.K., AGE 40, FAA TOWER OPERATOR (ON DUTY)

PAGE THREE RJWZKPH 4

ESTIMATED RELIABLE.

- (2) CLARK COUNTY SHERIFFS OFFICER, VANCOUVER, WASH. (1 CAR REPORTING). RELIABILITY UNKNOWN.

ESTIMATED RELIABLE.

(2) CLARK COUNTY SHERIFFS OFFICER, VANCOUVER, WASH. (1 CAR REPORTING). RELIABILITY UNKNOWN.

(3) SHERIFF, HAPPY VALLEY, SKAMANIA COUNTY, STEVENS, WASH. RELIABILITY UNKNOWN.

(4) MR. [REDACTED], STATE POLICE: SALEM, OREGON. TWO CARS SIGHTING SAME OBJECT IN VICINITY OF SALEM. SENT ONE CAR TO INVESTIGATE AREA WHERE OBJECT APPEARED TO GO INTO MOUNTAINS. RELIABILITY UNKNOWN.

(5) A/2C [REDACTED], AGE 23, FLIGHT LINE SECURITY, PORTLAND INT'L APRT. SIGHTED A LARGE WHITE FIERY OBJECT OVER ROCKY BUTTE FALLING RAPIDLY AT A SHARP ANGLE. DISAPPEARED BEHIND A BUILDING. IT WAS OUT OF SIGHT BY THE TIME HE ROUNDED THE BUILDING.

(6) MISS [REDACTED], AGE 19, [REDACTED], PORTLAND, OREGON HIGH SCHOOL GRADUATE, CONFIRMS OTHER REPORTS.

(7) MISS [REDACTED], [REDACTED], PORTLAND, OREGON, CONFIRMS OTHER REPORTS.

(8) MRS. [REDACTED], [REDACTED], PORTLAND, OREGON CONFIRMS OTHER REPORTS.

, (9) MR. [REDACTED] SOUTHWEST HILLS OF PORTLAND, ORE. CONFIRMS OTHER REPORTS.

PAGE FOUR RJW/ZKPH 4

, (9) MR. ██████████, SOUTHWEST HILLS OF PORTLAND, ORE.
CONFIRMS OTHER REPORTS.

G. (1) CLEAR AND 10 PLUS MILES VISIBILITY.

(2) WINDS AS FOLLOWS: 6,000 360/25: 10,000 360/25: 16,000
360/30: 20,000 360/40: 30,000 290/35: 50,000 300/40:
80,000 900/10.

(3) CLEAR (NONE)

(4) 10 MILES PLUS

(5) NONE

(6) NONE

(7) SURFACE TEMPERATURE 58, DEW POINT 44

H. NONE

I. NONE

J. NONE

K. ██████████ 1/LT 58183A, ASST OPS OFFICER 337TH FTR GP

L. NONE

THE INFORMATION IN ALL REPORTS WAS FOR ALL PRACTICAL PURPOSES
IDENTICAL IN ALL RESPECTS. DIFFERENCES EXISTED ONLY IN DESCRIPTIVE
LANGUAGE CONCERNING THE OBJECT. ALL TIMES REPORTED TO THE OFFICER
OF THE DAY DURING THE PERIOD INVOLVED WERE WITHIN A 10 MINUTE

(6) NONE

(7) SURFACE TEMPERATURE 58, DEW POINT 44

H. NONE

I. NONE

J. NONE

K. ~~A [REDACTED]~~, 1/LT 58183A, ASST OPS OFFICER 337TH FTR GP

L. NONE

THE INFORMATION IN ALL REPORTS WAS FOR ALL PRACTICAL PURPOSES IDENTICAL IN ALL RESPECTS. DIFFERENCES EXISTED ONLY IN DESCRIPTIVE LANGUAGE CONCERNING THE OBJECT. ALL TIMES REPORTED TO THE OFFICER OF THE DAY DURING THE PERIOD INVOLVED WERE WITHIN A 10 MINUTE

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PERIOD. CONSIDERING ERRORS IN TIME PIECES AND ACCURATE MEASUREMENT OF TIME, ALL REPORTS WERE WITHOUT ANY DOUBT CONCERNED WITH THE SAME OBJECT.

BT

22/0058Z SEP RJWZKPH

NNNN

Attn.

RE075

VCZCSQB209ZCQYC563

0400Z 21 SEP 60 14

OO RJEDSQ

DE RJWZBHL 33

0 210730Z

FM COMDR DET 5 35 WEA SQ PAINE FLD WASH

TO RJEZHQ/HQ USAF

RJEDSQ/ATIC WPAFB OHIO

RJEXDH/SPACETRACK HANSCOM FLD MASS

INFO RJEDHF/AWS SCOTT AFB ILL

AF GRNC

BT

UNCLAS DET 5 35WS 20 J 2: ATTN AFCIN-1B1, AFCIN-4A, AWSSC.

CODE MOONDUST: UNUSUAL SHOOTING STAR LIKE OBJECT TRAILING SPARKS REPORTED STREAKING ACROSS SKY FORM SOUTHWESTERLY TO NORTHEASTERLY DIRECTION. OBJECT WAS REPORTED LOW ON HORIZON BEARING NORTHWEST OF PAINE FLD WASH, AT 0405Z 21 SEPT 60.

SIGHTING REPORTED BY TWO CIVILIANS NEAR SNOHOMISH, WASH

ONE NAVAL GCA OPERATOR AT NAS WHIDBEY ISLAND, ALSO CONFIRMED BY COAST GUARD PILOT FLYING A UF2G AT 1600 FT OVER PAINE FLD THIS SIGHTING WAS NOT REPEAT NOT SEEN BY THE DUTY WEATHER OBSERVER.

BT

21/0734Z SEP RJWZBHL

*✓ 4A2
✓ 4E2+
✓ 4F3*

*✓ 3 4F2
✓ 4A2+✓*

REB014

1000Z SEP 01 01

00 RJEDSG

DE RJWZKP 10

0 212321Z ZEX

FM DET 1 35TH WEA SQ ADAIR AFG GRE

TO RJEZHO/VQ USAF

RJEDSG/ATIC WP AFB OHIO

RJEZDK/SPACE TRACK LAWRENCE G HANSCOM FLD MASS

INFO RJEDNF/HQS AUS SCOTT AFB ILL

BT

UNCLAS FROM DET 1-35CO 21-J-2.

ACTION TO USAF ATTN: AFCIN-131, ATIC ATTN: AFCIN-4A, SPACE
TRACK, INFO HQS AUS ATTN: AUSSS. REFERENCE OUR MESSAGE
DET 1-35CO 21-J-1 REFERRING TO "MOON DUST". CONTROL TOWER
OPERATOR AT PORTLAND IAP, OREGON REPORTS A FIREBALL FLASHED
THRU THE OREGON SKY TUESDAY NIGHT AT APPROXIMATELY 23/2036PD 0455Z
FROM SSU TO NNE, ELEVATION ANGLE APPROXIMATELY 30 DEGREES.

BT

21/2325Z SEP RJWZKP

RECEIVED
1969 07 21
ATC

100 SEP 22 23 69

RD136

ACZCSD34597CQYD873

PP RJEDSQ

DE RJWZKPH 22

P 222200Z ZEX

FM 337TH FTR GP PORTLAND INTL APRT OPE

TO RJWZB/25TH AIR DIV MCCHORD AFB COLO

RJWZB/25TH AIR DIV MCCHORD AFB WASH

RJEDSQ/AIR TECH INTELLIGENCE CENTER WPAFB OHIO

RJEZHQ/HQ USAF WASH 25 DC

RJEZHQ/SEC OF AF WASH 25 DC

RJEDSQ/COSMATIC WPAFB OHIO

RJEZDK/PROJECT SPACE TRACK L G HANSCOM FIELD BEDFORD MASS

BT

UNCLAS 3370DC 9 3836. ACTION ADC, 25TH AIR DIV, AIR
TECHNICAL INTELLIGENCE CENTER, AFCIN-1A, SAFIS, AFCIN-4A,
AND PROJECT SPACE TRACK

REFERENCE MESSAGE THIS HEADQUARTERS, 3370DC 9-3824, 21 SEP 69.

LOCAL EVALUATION INDICATES THIS IS A MOON DUST MESSAGE.

PT

22/2200Z SEP RJWZKPH